

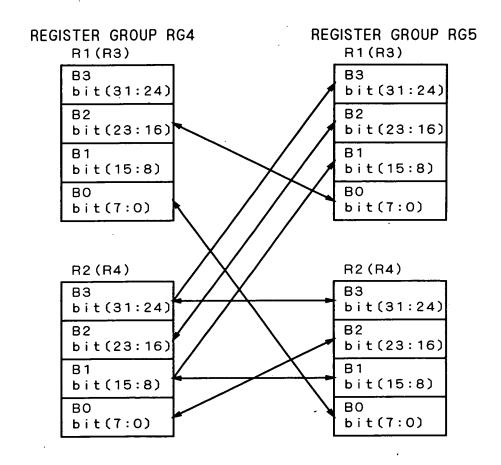
F/G. 3 (C) REGISTER GROUP RG1 Byte 0 1 2 3 R4 N J E A R3 P K F B R2 Q L G C R1 R M H D	F/G. 3 (F) REGISTER GROUP RG1 Byte 0 1 2 3 R4 D H M R R3 C G L Q R2 B F K P R1 A E J N
F/G. 3 (B) REGISTER GROUP RG2 Byte 0 1 2 3 R4 NPQR R3 JKLM R2 EFGH R1 ABCD CLOCKWISE 90° ROTATION	REGISTER GROUP RG3 Byte 0 1 2 3 R4 ABCD R3 EFGH R2 JKLM R1 NPQR
# / G . 3 (A) MAIN MEMORY Tword(4bytes) A B C D E F G H U K L M N P Q R	F / G. 3 (D) MAIN MEMORY Tword(4bytes) A B C D E F G H U K L M N P Q R

F/G. 4(C)	REGISTER GROUP RG2	Byte 0 1 2 3	Δ	НЗ Н :	R R R O L		_ ਪੂ
F/G. 4(B)	REGISTER GROUP RG3	Byte 0 1 2 3	∢ !	H3 E F G H	7 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	SYMMETRICAL REFLECTING	
F/G. 4(A)	MAIN MEMORY	[word(4bytes]	A .	F F G H	2 C		

REGISTER GROUP RG1 te 0 1 2 3	Y Cb Y Cr	Y Cb Y Cr	Y Cb Y Cr	Y Cb Y Cr
REG Byte_	R4	R3	R2	H
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REGISTER GROUP RG2 te 0 1 2 3	>	Cp	>_	Cr
3ROL 2	>	Cb Cb Cb	\ \ \	cr cr cr cr
ER (>	Cb	Υ	Cr
GIST	>	СЬ	\	Cr
REGIS Byte_0	R4	G. 5(A) R3	R2	H T

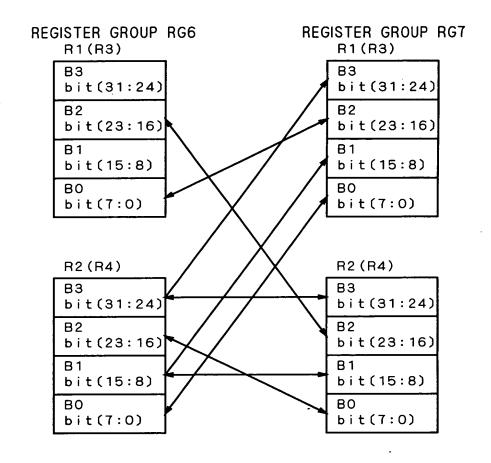
હ	_				
₽ R	က	>	СЬ	Υ	Cr
3ROL	~	\	Cb Cb Cb	Υ	Cr Cr Cr
EB (-[\	СЬ	Ý	Cr
REGISTER GROUP RG1	0	>	СЬ	>	Ç
æ	Byte 0 1	R4	ВЗ	R2	В
32					
	T	ŗ	ŗ	٦r	١
ص R	က	9	0)	၁
SROUP R	2 3	>	7	YCr	ک ا
ER GROUP R	1 2 3	Cb Y C	Cb Y C	Cb Y (O Y do
GISTER GROUP R	0 1 2 3	Y Cb Y C	Y Cb Y Cr	Y Cb Y	Y Cb Y Cr
REGISTER GROUP RG2	Byte 0 1 2 3	R4 Y Cb Y C	7 5 (B) R3 . Y Cb Y C	, R2 Y Cb	R1 Y Cb Y C

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RG5	က	Cr1	Cr1	Cr5	Cr5
SROUP	2	ΥO	۲1	γ4	γ5
REGISTER GROUP RG5	-	Y2 Cb0 Y0 Cr1	Y3 Cb0 Y1 Cr1	Y6 Cb4 Y4 Cr5	Y7 Cb4 Y5 Cr5
REGIS	0	Υ2	۲3	У6	Υ7
	Byte 0	84 4	ВЗ	R2	R1
			CLOCKWISE 90° ROTATION		
RG4	က	Cr1	Cr3	Cr5	Cr7
ROUP	2	۲1	γ3	Υ5	۲۲
REGISTER GROUP RG4	-	Y0 Cb0 Y1 Cr1	Y2 Cb2 Y3 Cr3	Y4 Cb4 Y5 Cr5	Y6 Cb6 Y7 Cr7
REGIS	Byte 0 1	YO	Υ2	γ4	9,
	Byte	8 4	ВЗ	R2	R1

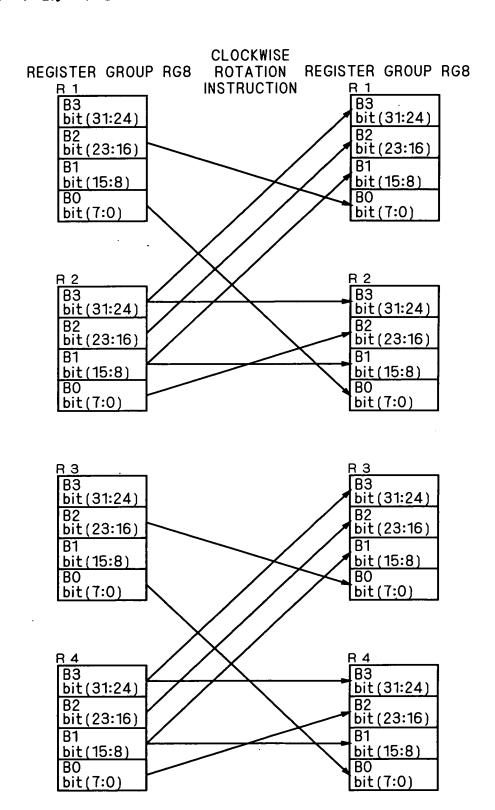


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RG7	က	Cr1	Cr1	Cr5	Cr5
ROUP	2	۲3	Y2	77	У6
REGISTER GROUP RGT	_	Y1 Cb0 Y3 Cr1	Y0 Cb0 Y2 Cr1	Y5 Cb4 Y7 Cr5	Y4 Cb4 Y6 Cr5
REGIS	Byte 0 1 2	۲۱	Y0	٧5	γ4
	Byte	H4	В3	R2	H T
			COUNTERCLOCKWISE 90° ROTATION		
RG6	က	Cr1	Cr3	Y4 Cb4 Y5 Cr5	Cr7
ROUP	2	۲1	Υ3	Υ5	77
REGISTER GROUP RGG	-	Y0 Cb0 Y1 Cr1	Y2 Cb2 Y3 Cr3	Cb4	Y6 Cb6 Y7 Cr7
REGIS	Byte 0 1 2	γo	Υ2	γ4	У6
	Byte.	R4	R3	R2	R1

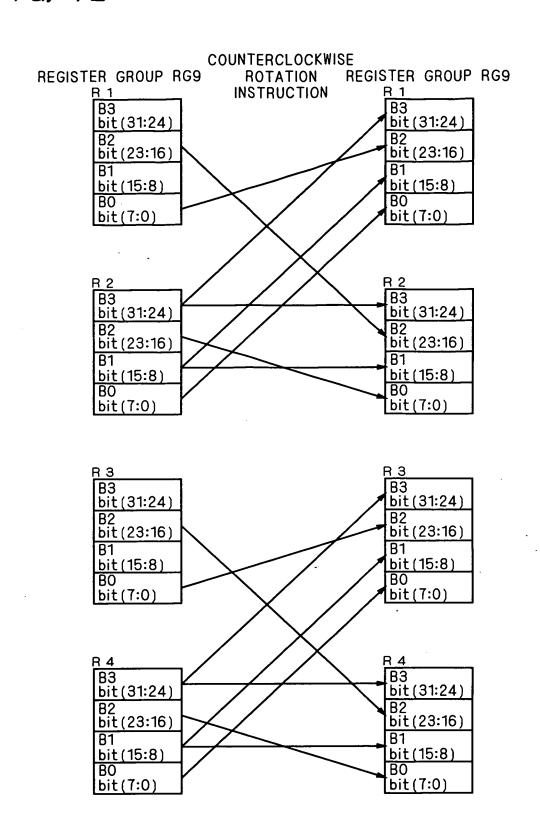
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RG8	က	Cr1	Cr1	Cr5	Cr5	
ROUP	2	YO	۲1	Υ4	γ5	
REGISTER GROUP RG8	Byte 0 1 2	Y2 Cb0 Y0 Cr1	Y3 Cb0 Y1 Cr1	Y6 Cb4 Y4 Cr5	Y7 Cb4 Y5 Cr5	
REGIS	0	Y2	۲3	Υ6	77	
	Byte,	R4	R3	R2	H.	
CLOCKWISE ROTATION INSTRUCTION						
RG8	က	Cr1	Cr3	Cr5	Cr7	
ROUP	2	۲1	۲3	γ5	77	
REGISTER GROUP RG8	Byte 0 1 2 3	YO CbO Y1 Cr1	Y2 Cb2 Y3 Cr3	Y4 Cb4 Y5 Cr5	Y6 Cb6 Y7 Cr7	
REGIS	0	γ0	Υ2	γ4	У6	
	Byte	R4	ВЗ	R2	В 1	



F1G. 13

Cr5 Cr5 REGISTER GROUP RG9 Cr1 <u>7</u> က 72 /9 \sim CPO CPO Cb4 Cb4 <u></u> 75 Υ4 =0 Byte R4 83 **R**2 꿆 COUNTERCLOCKWISE ROTATION INSTRUCTION Cr5 Cr3 Cr7 REGISTER GROUP RG9 <u>C</u>1 က γ5 ر 77 \sim CPO Cb2 Cb4 Cp6 ۲2 Υ4 Λ0 У6 Byte 0 **R**4 23 **R**2 Ξ

